AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items

NEWS IPC8 For general information regarding STN implementation of IPC 8

NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 16:05:56 ON 03 JAN 2007

=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 16:06:04 ON 03 JAN 2007 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5 DICTIONARY FILE UPDATES: 2 JAN 2007 HIGHEST RN 916646-22-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html.

Uploading C:\Documents and Settings\brobinsonl\My Documents\stnweb\Queries\dfdfdm.str

L1 STRUCTURE UPLOADED

=> d l1 L1 HAS NO ANSWERS L1 STR \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \* Structure attributes must be viewed using STN Express query preparation.

=> s 11 SAMPLE SEARCH INITIATED 16:09:56 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 107 TO ITERATE

100.0% PROCESSED 107 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1520 TO 2760

PROJECTED ANSWERS: 1520 10 2760

L2. 0 SEA SSS SAM L1

=> s 11 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 16:09:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1820 TO ITERATE

100.0% PROCESSED 1820 ITERATIONS 0 ANSWERS SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

```
C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\dfdfdm.str
chain nodes :
                          12
                              19
                                  20
                                      21
                                         23
                                             24
   1 3 4 5
               6
ring nodes :
   13 14
           15 16 17
                      18
chain bonds :
                                           19-20 19-27 20-21 21-23 21-24
                      6-7 7-8 7-12 8-14
   1-3 3-4 4-5 4-6
```

```
27-28
ring bonds :
   13-14 13-18 14-15 15-16 16-17
exact/norm bonds :
   1-3 3-4 4-5 4-6 6-7 7-8 7-12 8-14
                                           21-23 21-24
exact bonds :
   19-20 19-27 20-21 27-28
normalized bonds :
         13-18
               14-15 15-16 16-17 17-18
G1:H,[*1]
G2:CH3,Et
Connectivity:
   1:1 M minimum RC ring/chain 9:1 M minimum RC ring/chain
Match level :
   1:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
   12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
   20:CLASS 21:CLASS 23:CLASS 24:CLASS 26:Atom 27:Atom 28:CLASS
Generic attributes :
   27:
   Saturation
                         : Saturated
   Number of Carbon Atoms : less than 7
                      : Monocyclic
   Type of Ring System
Element Count :
```

Node 27: Limited C,C6

Connecting via Winsock to STN

```
Welcome to STN International! Enter x:x
```

LOGINID: ssspta1612bxr

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

```
Welcome to STN International
                 Web Page URLs for STN Seminar Schedule - N. America
NEWS
                 "Ask CAS" for self-help around the clock
NEWS
                 INSPEC enhanced with 1898-1968 archive
NEWS
      3
         AUG 09
                 ADISCTI Reloaded and Enhanced
NEWS
      4
         AUG 28
         AUG 30
NEWS
                 CA(SM)/CAplus(SM) Austrian patent law changes
         SEP 21
                 CA/CAplus fields enhanced with simultaneous left and right
NEWS
      6
                 truncation
NEWS
      7
         SEP 25
                 CA(SM)/CAplus(SM) display of CA Lexicon enhanced
         SEP 25
                 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS
      8
         SEP 25
                 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS
     9
                 CEABA-VTB classification code fields reloaded with new
NEWS 10
         SEP 28
                 classification scheme
         OCT 19
                 LOGOFF HOLD duration extended to 120 minutes
NEWS 11
NEWS 12
         OCT 19
                 E-mail format enhanced
NEWS 13
         OCT 23
                 Option to turn off MARPAT highlighting enhancements available
NEWS 14
         OCT 23
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
NEWS 15
         OCT 23
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
         OCT 30
NEWS 16
                 CHEMLIST enhanced with new search and display field
NEWS 17
         NOV 03
                 JAPIO enhanced with IPC 8 features and functionality
NEWS 18
         NOV 10
                 CA/CAplus F-Term thesaurus enhanced
         NOV 10
NEWS 19
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
                CAS Registry Number crossover limit increased to 300,000 in
NEWS 20
         NOV 20
                 additional databases
NEWS 21
         NOV 20
                 CA/CAplus to MARPAT accession number crossover limit increased
                 to 50,000
         DEC 01
NEWS 22
                 CAS REGISTRY updated with new ambiguity codes
         DEC 11
                 CAS REGISTRY chemical nomenclature enhanced
NEWS 23
         DEC 14
NEWS 24
                 WPIDS/WPINDEX/WPIX manual codes updated
NEWS 25
         DEC 14
                 GBFULL and FRFULL enhanced with IPC 8 features and
                 functionality
NEWS 26
         DEC 18
                 CA/CAplus pre-1967 chemical substance index entries enhanced
                 with preparation role
NEWS 27
         DEC 18
                 CA/CAplus patent kind codes updated
NEWS 28
         DEC 18
                 MARPAT to CA/Caplus accession number crossover limit increased
                 to 50,000
NEWS 29
         DEC 18
                 MEDLINE updated in preparation for 2007 reload
NEWS 30
         DEC 27
                 CA/CAplus enhanced with more pre-1907 records
NEWS EXPRESS
             NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
```

MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),